CHIKMAGALUR FOREST DIVISION.

Notification dated 19th November 1956.

It is hereby notified for the general information of the public, under section 40 of the Mysore Forest Regulation that a quantity of Beete timber 3-38 cft found unclaimed in S. No. 115 of Gomal (Government Land) of B' Kanabur village has been taken possession by the Department and kept in the custody of the Range Officer, Koppa Range.

Persons having any claim over the timber may prefer on a written statement to the District Forest Officer, Chikmagalur with evidence in support of their claims within one month from the date of this notification, failing which the timber will be forfeited to Government under section 42 of the Mysore Forest Regulation.

287

Notification dated 19th November 1956.

It is hereby notified for the general information of the public under section 40 of the Mysore Forest Regulation that the following timber found unclaimed in Makkimane District Forest of Somalapura village of Koppa Range has been taken possession of by the Department and kept in the custody of the Range Officer, Koppa Range :—

Hebbalasu sizes 17=29 Cft.	...	Sampige	Sizes 14=70 Cft.
		,,	Logs 1=13 ,,

Persons having any claim over the timber may prefer on a written statement to the District Forest Officer, Chikmagalur with evidence in support of their claim within one month from the date of this notification, failing which the timber will be forfeited to Government under section 42 of the Mysore Forest Regulation.

D. MAHESWARAPPA,
I87(a) *D.F.O.*

UNIVERSITY OF MYSORE

OFFICE OF THE REGISTRAR ADMINISTRATIVE BUILDINGS, CRAWFORD HALL, MYSORE.

Notification dated 27th November 1956.

No. G. 3-543—56-57. Under Statute 79 (page 32 of the Calendar Vol. I, for 1953-54) extracted below, Registered Graduates (those who have been enrolled as Registered Graduates) of this University are requested to send their applications for revision or correction in the following form so as to reach this office on or before the 15th December 1956.

"*Statute* 79 : The register of Graduates shall be revised and corrected on the first day of January each year. Application for revision or correction shall reach the Registrar not later than the 15th day of December preceding."

1. Name with degree or degrees ... .
2. Enrolment Number ... .
3. Address ... ...

By Order,

1937

Notification dated 4th December 1956.

No. Ex. 2-220—56-57. Under Note (i) of Ordinance 84 of Calendar Volum I of 1953-54, the following candidates who failed in the Optional Group of the B.Sc. Degree Examination of September 1956 are exempted from submitting themselves to the Examination again in the subject for the period noted against their names:—

Examination	Reg. No.	Name	Subjects exempted	Period
B.Sc. ...	238	Mohamed Mohiddeen	Physics	1957 and 1958
Do ...	349	Subba Rao, H.	Chemistry	Do
Do ...	506	Prabhakar, B.	Zoology	Do

By Order,

2026

Notification dated 4th December 1956.

No. Ex. 3-279—56-57. It is notified for the information of the candidates concerned that Marks Cards pertaining to the *University* Examinations of September 1956 have been sent to the Institutions concerned. They may obtain it from the Heads of Institutions concerned on or after Monday, the 10th December 1956.

By Order,

2021

Notification dated 4th December 1956.

No. Ex. 3- —56-57. Pursuant to the resolution of the University Council passed at the meeting held on 27th November 1956, the following Colleges are made Centres for the Intermediate Examination commencing from the Examinations of March 1957:—

1. Intermediate College, T.-Narasipur.
2. Do Konanur.
3. Do Chamarajanagar.
4. Rural Intermediate College, Kanakapura.

By Order,

2025

Notification dated 4th December 1956.

No. Ex. 3- —56-57. It is hereby notified for the information of candidates appearing for the University Examinations that with a view to assure the candidates that their applications for the University Examinations have reached the Heads of Colleges concerned in time and as a safeguard against miscarriage or loss of applications in transit, acknowledgments will be sent by the respective Heads of University Institutions to the candidates concerned. This acknowledgment will be in addition to the postal acknowledgment that the candidates might receive in respect of applications sent by registered post for acknowledgment due.

If the acknowledgments are not received within a reasonable time (say, a fortnight from the last date fixed for the receipt of the applications), the candidates should address the Heads of Institutions concerned and ascertain in writing, whether their applications have been received by them. This precautionary measure is considered necessary so that the candidates may not be under the misapprehension that their applications have safely reached their destination whereas they may by some accident be lost in transit or mislaid in the College Office.

By Order,

2027 ...

Notification dated 1st December 1956.

Subject.—B.Ed. Examinations—March 1957.

Reference.—This Office Notification of even number dated 16th November 1956.

No. Ex. 6-412—56-57. In continuation of this office notification of even number dated 16th November 1956, it is hereby notified that the B.Ed. Examination of March 1957 will be held as follows :—

1. B.Ed. Practical Examinations ... From 11th February 1957.
2. B.Ed. Theory Examinations .. From 7th March 1957.

The detailed Time-tables will be published in the *Mysore Gazette* in due course.

By Order,

2023

Amendment No. 3 to Cal. Vol. I for 1953-54.

Notification No. Ex. 5-282/55-56, dated 12-12-1955.

B.Sc. HONOURS DEGREE EXAMINATION

Major Subject: CHEMISTRY

SYLLABUS IN PHYSICS ANCILLARY TO CHEMISTRY

Part I—General Physics, Heat and Light

General Physics.—Units and dimensions, dimensional formulae, circular motion, radial acceleration, centrifugal force, application of simple harmonic motion, angular motion, moment of inertia in simple cases, couples, the fly wheel, the bar pendulum, accurate determination of 'g', the gravitation constant and its determination.

Hooke's law, the elastic moduli, determination of Young's modulus by stretching and bending, torsion of a cylinder, determination of the modulus of rigidity by static and dynamic methods, determination of the bulk modulus of a solid, Compressibility.

Surface tension—its determination by capillary rise and drop weight method, excess of pressure within a curved surface, spherical and cylindrical drops and bubbles, Viscosity of liquids, Poiseuille's formula.

Heat.—Thermometry, gas thermometers, resistance and thermo-electric thermometers

Specific heat, radiation correction, determination of specific heats at low temperatures, specific heats of gases, latent heats and their determination.

Thermal conductivity of good and bad conductors.

Radiant energy. Methods of measurement.

Light.—Velocity of light, Michelson's method.

Photometry.

Dispersion effects in prisms and thin lenses, direct vision Spectroscope, achromatic lens combination, the Ramsden and Huygens' eye-pieces, Refractometers, spectrometers, and spectrograhs.

Wave theory of light: the Huygens' principle, deduction of formula for mirrors and lenses, rectilinear propagation of light interference, biprism, Newton's rings, colours of thin films, Michelson and Fabry—Perot interferometers. Diffraction of light at a straight edge, zone plate, diffraction grating, determination of wave-length of light. Double retraction in a uniaxial crystal, Huygens' construction for ordinary and extraordinary wave fronts, polarization of light by reflection and refraction, the Nicol, the quarter wave plate: production and detection of plane, circularly and elliptically polarised light; rotation of the plane of polarization, aurent's polarimeter.

Electromagnetic theory of light, significance of Maxwell's equations, electromagnetic waves. Simple theory of dielectric dispersion, relation between refractive index and the dielectric constant. The electromagnetic spectrum.

The technique of spectroscopy in the visible, ultra violet and infra-red regions.

Part II—Sound, Magnetism and Electricity.

Sound.—Velocity of longitudinal waves in gases and solids, Velocity of transverse waves in strings, Kundt's tube experiment, Melde's string and sonometer. Resonance, Helmholtz resonator, experimental determination of the frequency of a fork; reflection, refraction and interference of sound, Doppler effect, supersonic waves.

Electrostatics.—Electric intensity, potential and induction, Gauss theorem, energy of field, dielectric polarization, condensers. The dielectric constant and its measurement, dipole moments. Electrometers.

Magnetism.—The magnetic field and its measurement, magnetic potential, magnetic induction, the Gauss theorem, permeability and susceptibility, ferro, para and diamagnetism, hysteresis loop, electromagnets.

Electrodynamics.—Magnetic effects of an electric current, intensity along the axis of a long solenoid, force on a wire carrying a current in a magnetic field, galvanometers, ammeters and voltmeters.

Kirchoff's law for steady currents, the Wheatstone bridge, the P.O. Box, temperature co-efficient of resistance, the potentiometer. Heating effect of an electric current, the Callender and Barnes continuous flow method for J; electric lamps, heaters and fuses, thermo-electricity, Seebeck, Peltier and Thompson effects, measurement of thermo-electric power, Peltier and Thompson co-efficients; thermo-electric diagram, thermo-couples.

Electromagnetic induction, Lenz's law, proof of the equation $e = \frac{DN}{Dt}$

Ballistic galvanometer, damping and figure of merit, measurement of charge, capacities of condensers. Inductance and Induction coil.

Alternating currents, elementary theory of the A.C. circuit with resistance, capacity and inductance, impedance and reactance power factor, simple A.C. bridges with application to measurement of resistance of electrolytes, A.C. meters and motors, dynamos, transformers, rectifying devices.

The tuned circuit, simple valve oscillators and amplifiers. Cathode ray oscillograph, mercury rectifier, thyration.

Photo-electric cell and its applications.

X-rays.—Their production and properties, application to the study of crystal structure.

N.B.—The revised scheme will be effective from the First Honours Class of 1956-57.

(Letter No. E. 11023, dated 22-9-1955, from the Education Secretary to Government, Bangalore).

Amendment No. 4 to Cal. Vol. I for 1953-54

Notification No. Ex. 5-282/55-56, dated 12-12-1955

B.Sc. (Hons.) Degree Examination—Major Subject Chemisty.

Syllabus in Mathematics—Ancillary to Chemistry

(i) The syllabus (given below) be taught at the rate of 2 hours per week in the first year and 1 hour per week in the second year;

(ii) at the end of the second year, there shall be a University examination in Mathematics with one paper of three hours duration;

(iii) the teaching and examination to be conducted by the Department of Mathematics.

(1) Complex numbers, equations, roots and co-efficients, numerical solution of equations, approximation of roots, graphical solution of equations, determinants.

Elementary vector analysis (Vector algebra).

(2) Standard properties of the circle, parabola, ellipse and the hyperbola, analytical treatment using calculus.

Direction cosines, plane, straight line and sphere.

(3) Functions, differentiation, successive differentiation, maxima and minima. Taylor's series for standard functions including binomial, exponential and logarithmic series, exponential form for Sin θ and Cos θ, hyperbolic functions.

Geometrical applications, tangents and normals to curves.

Partial differentiation, total differentiation ∇^2 in cartesians and polars, tangent plane and normal to surfaces.

Integration of standard functions, evaluation of definite integrals, differentiation and integration under the integral sign, areas and lengths of curves, volumes of solids.

Elementary treatment of multiple integrals.

Approximate integration, Simpson's rule.

(4) Differential equations, ordinary equations of the first order, linear differential equations with constant coefficients of the second order.

N.B.—The revised scheme will be effective from the First Honours Class of 1956-57.

(Letter No. E 9453, dated 24-8-1955, from the Education Secretary to Government, Bangalore.)

Amendment No. 5 to Calendar Volume I for 1953-54

Notification No. Ex. 5-282/55-56, dated 12-12-1955

Amendment to Ordinance 89, 90 and 92 of University Calendar Volume I—1953-54 consequent on the introduction of Ancillary Mathematics and Ancillary Physics as Minor Subjects for the B.Sc. Honours Course in Chemistry.

I. Ordinance: 89—Para 4.

For "Physics as Minor Subject"

Substitute "Ancillary Physics and Ancillary Mathematics as Minor Subjects."

II. Ordinance 90:

In the list of subjects (a) against Chemistry under Preliminary Minor—

Substitute "4" in Place of "3"

III. Ordinance 92:

Under paragraph (a) (iii) Minor Subject—

Add "Physics Ancillary to Chemistry—3 papers Mathematics Ancillary to Chemistry—1 paper."

N.B.—The revised scheme will be effective from the First Honours Class during 1956-57.

(Letter No. E. 10189, dated 6-9-1955, from the Education Secretary to Government, Bangalore).

By Order,
E. J. NORONHA,
2022 *Registrar.*

DEPARTMENT OF PUBLIC INSTRUCTION

OFFICE OF THE CHAIRMAN, TEXT-BOOK BOARD AND DIRECTOR OF PUBLIC INSTRUCTION IN MYSORE, BANGALORE.

Notification dated 13th November 1956.

Subject.—Text-Books for the School Year 1957-58, for the various Senior Primary and High School classes.

Reference:—(1) This Office Notification No. D. 17—56-7, dated 1st June 1956, calling for books for consideration in connection with the prescription of Text-Books for the School year 1957.

(2) This Office Notification No. D. 26—56-7, dated 9th July 1956, deleting the following items which related to copy Books of this Office Notification No. D. 17—56-7, dated 1st June 1956.

	Subject	Item No.	Classes
		English.	
J.	English Copy Books ...	25	P.S. V
		26	P.S. VI
		27	P.S. VII
		28	P.S. VIII
		Samskrita.	
E.	Copy books for Samskrita Second Language ...	46	H.S. I
		47	H.S. II
		48	H.S. III
F.	Copy books—For Samskrita Optional.	49	P.S. VI
		50	P.S. VII
		51	P.S. VIII
		Hindi.	
L.	Copy books—Optional ...	80	P.S. VI
		81	P.S. VII
		82	P.S. VIII
O.	Copy books—Compulsory ...	85	H.S. I
		86	H.S. II
		87	H.S. III
		Urdu.	
R.	Copy books ...	133	P.S. I and also for Optional P.S. VI.
		134	P.S. II and also for Optional P.S. VII.
		135	P.S. III and also for optional P.S. VIII.
		136	P.S. IV.

No. D. 42—56-7. Authors and Publishers who have submitted copy books in response to the Notification No. D. 17—56-7, dated 1st June 1956 and taken back their applications and copy books in response to the Notification No. D. 26—56-7, dated 9th July 1956 and others also are hereby informed that copy books referred to in preamble (2) above will be considered in connection with the prescription of Text-Books for the School year 1957-58. The last date for receipt of books in this connection is 31st December 1956. The books will be received by the Secretary, Text-Book Board, Office of the Director of Public Instruction, Bangalore-1, up to 5 P.M. on that day. The rules mentioned in the previous Notification *i.e.* D. 17—56-7, dated 1st June 1956 will be applicable in the case of these books also but with the modification that *seven* copies of each book should be submitted with each application and that the para relating to the cost statement is deleted.

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Circular dated 5th December 1956.

Sub.:—Patronage for the production of a popular Science Series in Kannada for the Age-Group 11-14.

No. 46—56-57 T2. 153-4—56-57. It is hereby notified that the Department of Public Instruction, Bangalore, intends to encourage the production of a popular Science Series in Kannada for the age-group 11-14, that is roughly of the Middle School stage. The department intents paying subvention towards the cost of Author's remuneration Artists' charges and blocks with a view to bring down the selling price to the minimum.

Intending publishers are requested to send their applications with details as to the titles, get-up, pages, illustrations, cost, etc., to this office, for consideration.

The last date for receipt of applications is by 31st December 1956.

C. NARASIMHA MOORTY,
469 *Chairman.*

OFFICE OF THE DEPUTY DIRECTOR OF PUBLIC INSTRUCTION, MYSORE DIVISION, MYSORE.

Notification dated 6th December 1956.

It is hereby notified for the information of the public that the Office of the Deputy Director of Public Instruction, Mysore Division which ceased to function at Hassan from 1st December 1956, has commenced to work at Mysore from Thursday the 6th December 1956 at 17, Chamaraja Road, (100 ft. Road) Mysore.

T. VASUDEVAIYA,
459 *Deputy Director.*

OFFICE OF THE DISTRICT EDUCATIONAL OFFICER, SHIMOGA DISTRICT.

Notification dated 21st November 1956.

It is reported that Srimathi D. Jayamma, Assistant Mistress, Primary Boys' School, Nimbegondi, Bhadravati Taluk who was on leave from 15th May 1956 and who was extending her leave in driblets without the production of any medical certificate in support of her illness, has not joined duty though Registered Notices were issued to her by the Inspector of Schools, Bhadravati. Srimathi D. Jayamma, is hereby informed that if she does not join duty at Nimbegondi Primary Boys' School, within 15 days from the date of the publication of this notification in the Gazette, after obtaining necessary permission from this Office, her services will be terminated without any further notice.

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Notification dated 21st November 1956

Sri G. H. Sannathimmappa, teacher, Primary Boys' School, Basavapura, Hosanagar Taluk, who was on leave for 15 days from 1st June 1956 and absent unauthorisedly from 16th June 1956, is hereby informed that if he does not join duty within 15 days from the date of the publication of the Notification in the Gazette, after obtaining necessary permission from this Office on production of the Medical Certificate in proof of his illness, his services will be terminated without any further notice.

H. MALHARI RAO,
302 *District Educational Officer.*

OFFICE OF THE DISTRICT EDUCATIONAL OFFICER, CHITALDRUG DISTRICT.

Notification dated 22nd November 1956.

No. P. 326-72—56-57.—Sri G. Dasanna, Master, Primary Boys' School, Ramjogihalli, Hiriyur Taluk, who is unauthorisedly absent from 16th May 1956 is hereby informed that he should return to duty within 15 days from the date of Gazette notification failing which his service will be dispensed with.

267 *District Educational Officer.*